AMENDMENT TRANSMITTAL LETTER (Large Entity)

Applicant(s): GHASSAN NAIM ET AL

Docket No.
77682-57 /jlo

Serial No. 09/409,986	Filing Date 10/30/99	Examiner CHARLES R. CRAVER	Group Art Unit 2685

Invention: FAIR PACKET SCHEDULER AND SCHEDULING

METHOD FOR PACKET DATA RADIO

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TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	24	24 =	0	x $18.00	$0.00
INDEP. CLAIMS	2	2 =	0	x $84.00	$0.00
Multiple Dependent Claims (check if applicable) ☐					$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					$0.00

☒   No additional fee is required for amendment.

☐   Please charge Deposit Account No.   in the amount of
    A duplicate copy of this sheet is enclosed.

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☒   The Commissioner is hereby authorized to charge payment of the following fees associated with this
    communication or credit any overpayment to Deposit Account No.   19-2550
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☒   Any additional filing fees required under 37 C.F.R. 1.16.

☒   Any patent application processing fees under 37 CFR 1.17.

Dated: October 3, 2002

Signature

Allan Brett
Reg. No. 40476

I certify that this document and fee is being deposited on   with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Attorney Docket No. 77682-57

In re application of Ghassan Naim, et al	)
	) Art Unit: 2685
Serial No.: 09/409,986	)
	) Examiner: Charles R. Craver
Filed : September 30, 1999	)
	)
For : FAIR PACKET SCHEDULER AND SCHEDULING METHOD FOR PACKET DATA RADIO	)

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AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated July 3, 2002 please amend the above-identified application as follows:

IN THE DESCRIPTION

Please amend page 4, line 15 to line 19 as follows:

--Preferably, the transmit priority is calculated according to:

a

$$P_{transmit} = \begin{cases} -1 & dFr > a \\ Highest & dFr = a \\ \left(\dfrac{dFr}{trSize}\right)\left(1 + \left[\dfrac{1}{a - dFr} - \dfrac{1}{a}\right]\alpha\right) + MS\,Priority & dFr < a \end{cases}$$

- 2 -

a1

where:

trSize is the transaction size;--

Please amend page 12, line 8 to line 13 as follows:

--In the preferred embodiment, the priority P_{slot} for each of the selected mobile stations to be allocated an available downlink slot is calculated as follows:

a2

$$P_{slot} = \begin{cases} -1 & dFr > a \\ Highest & dFr = a \\ \left(\dfrac{dFr}{trSize}\right)\left(1+\left[\dfrac{1}{a-dFr}-\dfrac{1}{a}\right]\alpha\right) + MS\,Priority & dFr < a \end{cases}$$

where:

trSize is the above referenced original transaction size in units of MAC frames;--

IN THE CLAIMS

Please amend claims 6, 7, 15, 21, 22 and 23 as follows:

6. (Amended) A method according to claim 1 further comprising:

maintaining a respective measure of how long since each particular wireless station was last allocated a transmit opportunity;

a3

wherein said transmit priority is also a function of how long until a timeout will occur for the respective wireless station.

7. (Amended) A method according to claim 5 further comprising:

maintaining a respective measure of how long since each particular wireless